

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge Program

333 Burma Rd.

Oakland, CA 94607

(510) 622-5660, (510) 286-0550 fax

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March 03, 2009

Contract No. 04-0120F4

04-SF-80-13.2 / 13.9

Self-Anchored Suspension Bridge

Letter No. 05.03.01-003569

Michael Flowers
Project Executive
American Bridge/Fluor, A JV
375 Burma Road
Oakland, CA 94607

Dear Michael Flowers,

Department Audit – ZPMC Hot Dip Galvanizing

In accordance with Contract Special Provision Section 8-4 "Audits," the Department has completed an audit of Zhenghua Port Machinery's (ZPMC) Hot Dip Galvanizing Facility on February 12, 2009. The facility has substantially demonstrated the capability to perform galvanizing operations on steel products for the Project and is receiving a Contingent Pass. However, no work is to proceed on galvanizing material until outstanding issues listed below are addressed. In order to pass the Department Audit the following items must be addressed, as discussed and agreed to at the audit exit meeting:

1. **ASTM Specifications** – Provide confirmation that all associated ASTM Standards needed for the galvanizing operation are on site and available for use.
2. **Documentation Logs** – Provide a log (document) at each bath to record the chemical composition and temperatures for each stage of the galvanizing process. Each log must be updated with daily readings.
3. **Water Bath** – Provide a procedure for replacing the bath water that meets ASTM Standards. The procedure must include limitations for pH and acid concentrations.
4. **Zinc Bath Composition** – Provide the test results to verify that the zinc bath composition meets the contract requirements prior to performing any galvanizing for the Project. Also, provide details of the procedure that will be used to maintain the composition at this requirement.
5. **Repair Procedure** – Minor repairs to the galvanizing must be performed in accordance with the contract documents. The galvanizing repair procedure provided in ZPMC's PQWP is acceptable for this purpose. Use only project approved paint for the repairs.

If you have any questions, please contact Mazen Wahbeh (+86) 134 724 77571.

Sincerely,

A handwritten signature in blue ink that reads "Gary Pursell".

GARY PURSELL
Resident Engineer

cc: Rick Morrow; Brian Boal; Gary Lai; Mazen Wahbeh
file: 05.03.01, 55.0907